

IN THE CLAIMS:

Please rewrite claim 8 as follows:

1. (Previously Cancelled)
2. (Previously Cancelled)
3. (Previously Cancelled)
4. (Previously Cancelled)
5. (Previously Cancelled)
6. (Previously Cancelled)
7. (Previously Cancelled)
8. (Currently Amended) A ball screw with cooling means comprising:
 - a. a screw bolt having a first spirally threaded groove formed around the outer surface thereof;
 - b. a hollow screw nut to be sleeved over said screw bolt having a second spirally threaded groove corresponding to said first spirally threaded groove being formed around the inner surface thereof;
 - c. a plurality of rolling balls interposed between said first and second spirally threaded grooves so that said screw bolt and said screw nut are able to rotate with each other; and
 - d. a spirally disposed guiding tube, a heat conducting glue and an outer cover covering said screw nut such that a cavity being formed therebetween between said screw nut and said cover for a cooling agent to flow through thereby reducing the temperature of said screw nut and wherein said spirally disposed a guiding tube for guiding flow of the cooling agent is installed in said cavity to perform its cooling function without directly contacting said outer cover thereby eliminating cooling agent leakage and wherein said cavity is filled with said heat a heat conducting glue is filled between said guiding tube and said screw nut.
9. (Previously Cancelled)

10. (Original) The ball screw of claim 8, wherein an entrance pipe with an opening and an exit pipe with an opening are formed in said screw nut for circulation of the cooling agent.